

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	1	("6679861").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/05 15:49
S1	1	("5840066").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/05 15:49
S3	325	604/181.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/03/05 16:13
S4	730	604/93.01.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/03/05 16:15
S5	636	604/164.01.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/03/05 16:16
S7	807	604/174.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/03/05 16:17
S6	210	604/164.11.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/03/05 16:17
S10	334	catheter same (grasp\$3 same forceps)	US-PGPUB; USPAT	ADJ	ON	2008/03/05 16:18
S9	1271	catheter and (grasp\$3 same forceps)	US-PGPUB; USPAT	ADJ	ON	2008/03/05 16:18
S8	9712	catheter and grasp\$3	US-PGPUB; USPAT	ADJ	ON	2008/03/05 16:18
S13	38	("3019790"   "3814080"   "4263917"   "4484911"   "4653475"   "4700694"   "4734094"   "4735617"   "4792330"   "4817604"   "5071412").PN. OR ("5224931").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/05 16:36
S14	294	((("20010007937") or ("20010014439") or ("20010023349") or ("20010041824") or ("20020010427") or ("20020026150") or ("20020026217") or ("20020055729") or ("20020068256") or ("20020082546") or ("20020082584") or ("20020120240") or ("20020151868") or ("20020177838") or ("20020183720") or ("20020193850") or	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/05 16:38

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S15	1932	604/264.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/03/05 16:52
S17	185	catheter with forceps with needle	US-PGPUB; USPAT	ADJ	ON	2008/03/05 17:21
S16	1	catheter with forceps with needle with spring	US-PGPUB; USPAT	ADJ	ON	2008/03/05 17:21
S18	37	catheter with forceps with needle	FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/03/05 17:58
S19	10	catheter with forceps with cannula	FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/03/05 18:00
S20	23	catheter with forceps with inject\$3	FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/03/06 09:04
S21	55	catheter with forceps with inject\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/06 09:23
S24	486	S23 not S22 not S21 not S20	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/06 09:31
S23	575	catheter with (forceps or grasp\$3) with (inject\$3 or needle or cannula)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/06 09:31
S22	89	catheter with (forceps or grasp\$3) with inject\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/06 09:31
S25	37	("2621651"   "3421509"   "4222380"   "4240411"   "4254762"   "4321915"   "4327735"   "4329995"   "4356610"   "4524770"   "4535773"   "4646722"   "4664259"   "4668226"   "4763662"   "4763667"   "4808168"   "4854302"   "4907598"   "4940458"   "4944728"   "5019042"   "5037433"   "5061244"   "5078681"   "5135504"   "5193525"   "5226426"   "5419766").PN. OR ("5702344").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/06 10:01
S28	169	S27 not S22 not S21 not S20	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/06 10:37
S27	224	catheter with (forceps) with (inject\$3 or needle or cannula)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/06 10:37
S29	18	catheter with (forceps) with (lock or screw)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/06 17:20
S31	1	("5372124").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/10 10:02

S30	1	("5035231").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/10 10:02
S32	3	(forceps with link\$3) same (needle or cannula) same (spring or bias)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/03/10 10:16
S33	15	("0671337"   "3763860"   "3871379"   "5100421"). PN. OR ("5383877"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/10 10:21
S34	159	(forceps) same (needle or cannula) same (spring or bias)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/03/10 10:30
S35	2	((("6066102") or ("4607619")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/10 10:45
S36	271	606/206.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/03/10 10:59
S37	134	("2371082"   "2942604"   "3155094"   "3547124"   "3760810"   "3763860"   "3820544"   "3870048"). PN. OR ("3989049"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/10 11:08
S38	33	S37 and inject\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/10 11:14
S39	26	S38 and (spring or bias)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/10 11:48
S40	1	("5921993").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/10 12:40
S41	1	("20050049520").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/10 13:30
S42	1	("5665100").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/10 15:18
S43	1	("3870048").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/10 15:47
S44	1	("6066102").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/10 16:29
S45	2	((("5921993") or ("6066102")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/17 09:04
S47	1133	S46 and catheter	US-PGPUB; USPAT	ADJ	ON	2009/02/17 09:15
S46	3347	forceps same needle	US-PGPUB; USPAT	ADJ	ON	2009/02/17 09:15
S49	682	604/164.01.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/02/17 09:18



S52	152	604/164.12.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/02/17 09:19
S51	224	604/164.11.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/02/17 09:19
S50	103	604/164.09.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/02/17 09:19
S56	310	604/284.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/02/17 09:21
S55	1545	604/523.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/02/17 09:21
S59	95	604/44.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/02/17 09:22
S58	659	604/43.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/02/17 09:22
S57	537	604/27.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/02/17 09:22
S60	226	catheter with forceps with needle	US-PGPUB; USPAT	ADJ	ON	2009/02/17 09:33
S61	38	("3019790"   "3814080"   "4263917"   "4484911"   "4653475"   "4700694"   "4734094"   "4735617"   "4792330"   "4817604"   "5071412").PN. OR ("5224931").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/17 09:46
S62	175	("4318401"   "4531935"   "4531936"   "4568330"   "4610661"   "5013296"   "5167628"   "5224931"   "5330498").PN. OR ("5425705").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/17 09:52
S63	39	("4578058"   "5217460"   "5224931"   "5224954"   "5234443"   "5350384"   "5352237").PN. OR ("5496310").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/17 09:58
S64	650	S58 not S59	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/17 10:09
S67	373	606/208.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/17 10:34
S66	320	606/206.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/17 10:34
S65	1304	606/205.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/17 10:34
S69	284	S68 not S59	US-PGPUB; USPAT	ADJ	ON	2009/02/17 10:44
S68	286	S56 not S58	US-PGPUB; USPAT	ADJ	ON	2009/02/17 10:44

S70	1	("5496310").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/17 10:45
S73	477	S72 not S56	US-PGPUB; USPAT	ADJ	ON	2009/02/17 11:06
S72	480	S71 not S59	US-PGPUB; USPAT	ADJ	ON	2009/02/17 11:06
S71	487	S57 not S58	US-PGPUB; USPAT	ADJ	ON	2009/02/17 11:06
S75	1630	S65 or S66 or S67	US-PGPUB; USPAT	ADJ	ON	2009/02/17 11:09
S78	4	("3870048"   "5665100"   "5921993"   "6066102"). PN.	US-PGPUB; USPAT	ADJ	ON	2009/02/17 11:15
S79	1	("5350384").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/17 12:30
S80	13	("4578058"   "4700694"   "4905669"   "5009643"   "5040548"   "5044369"   "5129889"   "5131379"). PN. OR ("5350384"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/17 12:33
S81	48	forceps with (link or linking or linkage) with closed	US-PGPUB; USPAT	ADJ	ON	2009/02/17 12:46
S82	24	forceps with (link or linking or linkage) with retract\$4	US-PGPUB; USPAT	ADJ	ON	2009/02/17 13:07
S83	1	("5478350").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/17 14:31
S87	655	S86 not S59	US-PGPUB; USPAT	ADJ	ON	2009/02/17 14:58
S86	661	S85 not S58	US-PGPUB; USPAT	ADJ	ON	2009/02/17 14:58
S85	671	S84 not S57	US-PGPUB; USPAT	ADJ	ON	2009/02/17 14:58
S84	680	S49 not S56	US-PGPUB; USPAT	ADJ	ON	2009/02/17 14:58
S88	1	("5350384").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/17 15:05
S89	1	("5921993").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/17 15:13
S90	1	("6796963").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/17 15:37
S91	320	S50 or S51	US-PGPUB; USPAT	ADJ	ON	2009/02/17 16:05
S92	1	("5376075").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/17 16:10

S93	2201	S49 or S55	US-PGPUB; USPAT	ADJ	ON	2009/02/17 16:23
S94	1	("4222380").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/18 08:56
S95	1	("5478350").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/18 09:01
S96	1	("5496310").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/18 12:12
S97	1	("5350384").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/18 12:53
S98	1	("5921993").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/18 13:39
S99	2	(("5496310") or ("5478350")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/06 15:05
S100	1	("5496310").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/11 17:26
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S103	189	("4318401"   "4531935"   "4531936"   "4568330"   "4610661"   "5013296"   "5133724"   "5156609"   "5167628"   "5211655"   "5224931"   "5290294"   "5330498").PN. OR ("5536251").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/12 10:39
S104	38	("3019790"   "3814080"   "4263917"   "4484911"   "4653475"   "4700694"   "4734094"   "4735617"   "4792330"   "4817604"   "5071412").PN. OR ("5224931").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/12 10:52
S106	52	S105 and vessel	US-PGPUB; USPAT	ADJ	ON	2009/06/12 14:20
S105	146	(US-20030135091-\$ or US-20070073320-\$ or US- 20060069304-\$ or US- 20070066869-\$ or US- 20010047135-\$ or US- 20050049520-\$ or US- 20060036182-\$ or US- 20080214889-\$ or US- 20010025149-\$ or US- 20060235368-\$ or US- 20030216749-\$ or US- 20050159763-\$ or US- 20030130693-\$ or US- 20030040773-\$ or US- 20020177873-\$ or US- 20020095175-\$ or US- 20030032924-\$).did. or (US-6991602-\$ or US- 5224931-\$ or US- 6004295-\$ or US- 5702344-\$ or US- 5899850-\$ or US- 6053860-\$ or US- 5944657-\$ or US- 5037433-\$ or US- 5785689-\$ or US- 6296608-\$ or US- 5496310-\$ or US- 5372124-\$ or US- 5383877-\$ or US- 5961530-\$ or US- 3989049-\$ or US- 4607619-\$ or US- 6156006-\$ or US- 1303135-\$ or US- 4869268-\$ or US-	US-PGPUB; USPAT	ADJ	ON	2009/06/12 14:20

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S109	1	("5350384").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/15 10:02
S110	1	("5376075").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/15 10:04
S111	1	("5478350").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/15 12:31
S112	1	("5350384").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/15 13:44
S113	1	("5376075").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/15 14:27
S114	2	((("5536251") or ("5478350")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/05 14:11
S116	197	604/73.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/12/05 14:17
S115	331	604/48.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/12/05 14:17
S119	996	604/131.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/12/05 14:18
S118	464	604/118.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/12/05 14:18
S123	293	604/164.13.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/12/05 14:20
S127	725	604/528.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/12/05 14:21
S128	146	(US-20030135091-\$ or US-20070073320-\$ or US- 20060069304-\$ or US- 20070066869-\$ or US- 20010047135-\$ or US- 20050049520-\$ or US- 20060036182-\$ or US- 20080214889-\$ or US- 20010025149-\$ or US- 20060235368-\$ or US- 20030216749-\$ or US- 20050159763-\$ or US- 20030130693-\$ or US- 20030040773-\$ or US- 20020177873-\$ or US- 20020095175-\$ or US- 20030032924-\$).did. or (US-6991602-\$ or US- 5224931-\$ or US- 6004295-\$ or US- 5702344-\$ or US- 5899850-\$ or US-	US-PGPUB; USPAT	ADJ	ON	2009/12/05 14:22

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		5895361-\$ or US-6436117-\$ or US-5211655-\$ or US-7195631-\$ or US-6770053-\$ or US-6423034-\$ or US-6336915-\$ or US-6102887-\$ or US-6346099-\$ or US-6905476-\$ or US-6575931-\$ or US-6126633-\$).did.				
S129	25	S128 and (guide\$1wire or wire\$1guide or stylet)	US-PGPUB; USPAT	ADJ	ON	2009/12/05 14:23
S130	77	S128 and pressur\$5	US-PGPUB; USPAT	ADJ	ON	2009/12/05 14:29
S131	331	604/48.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/12/07 11:30
S133	186	S132 not S131	US-PGPUB; USPAT	ADJ	ON	2009/12/07 11:57
S132	197	604/73.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/12/07 11:57
S135	456	S134 not S131	US-PGPUB; USPAT	ADJ	ON	2009/12/07 12:06
S134	464	604/118.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/12/07 12:06
S136	446	S135 not S132	US-PGPUB; USPAT	ADJ	ON	2009/12/07 12:07
S140	968	S139 not S134	US-PGPUB; USPAT	ADJ	ON	2009/12/07 12:37
S139	983	S138 not S132	US-PGPUB; USPAT	ADJ	ON	2009/12/07 12:37
S138	992	S137 not S131	US-PGPUB; USPAT	ADJ	ON	2009/12/07 12:37
S137	996	604/131.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/12/07 12:37
S141	293	604/164.13.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/12/07 13:03
S145	290	S144 not S137	US-PGPUB; USPAT	ADJ	ON	2009/12/07 13:04
S144	293	S143 not S134	US-PGPUB; USPAT	ADJ	ON	2009/12/07 13:04
S143	293	S142 not S132	US-PGPUB; USPAT	ADJ	ON	2009/12/07 13:04
S142	293	S141 not S131	US-PGPUB; USPAT	ADJ	ON	2009/12/07 13:04
S146	1	("6849062").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/07 13:09

S150	724	S149 not S134	US-PGPUB; USPAT	ADJ	ON	2009/12/07 16:18
S149	725	S148 not S132	US-PGPUB; USPAT	ADJ	ON	2009/12/07 16:18
S148	725	S147 not S131	US-PGPUB; USPAT	ADJ	ON	2009/12/07 16:18
S147	725	604/528.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/12/07 16:18
S152	686	S151 not S141	US-PGPUB; USPAT	ADJ	ON	2009/12/07 16:19
S151	722	S150 not S137	US-PGPUB; USPAT	ADJ	ON	2009/12/07 16:19
S153	89	endoscope with guide \$1wire with (tube or tubular)	US-PGPUB; USPAT	ADJ	ON	2009/12/07 18:01
S155	8	catheter with guide\$1wire with (tube or tubular) with forceps	US-PGPUB; USPAT	ADJ	ON	2009/12/07 18:04
S154	2900	catheter with guide\$1wire with (tube or tubular)	US-PGPUB; USPAT	ADJ	ON	2009/12/07 18:04
S156	6	catheter with guide\$1wire with needle with forceps	US-PGPUB; USPAT	ADJ	ON	2009/12/07 18:06
S157	4	((("5536251") or ("5478350") or ("5382234") or ("6102887")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/07 18:07
L2	1	("5376075").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/08 12:26

12/ 8/ 2009 12:46:13 PM

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